

FIG. 1

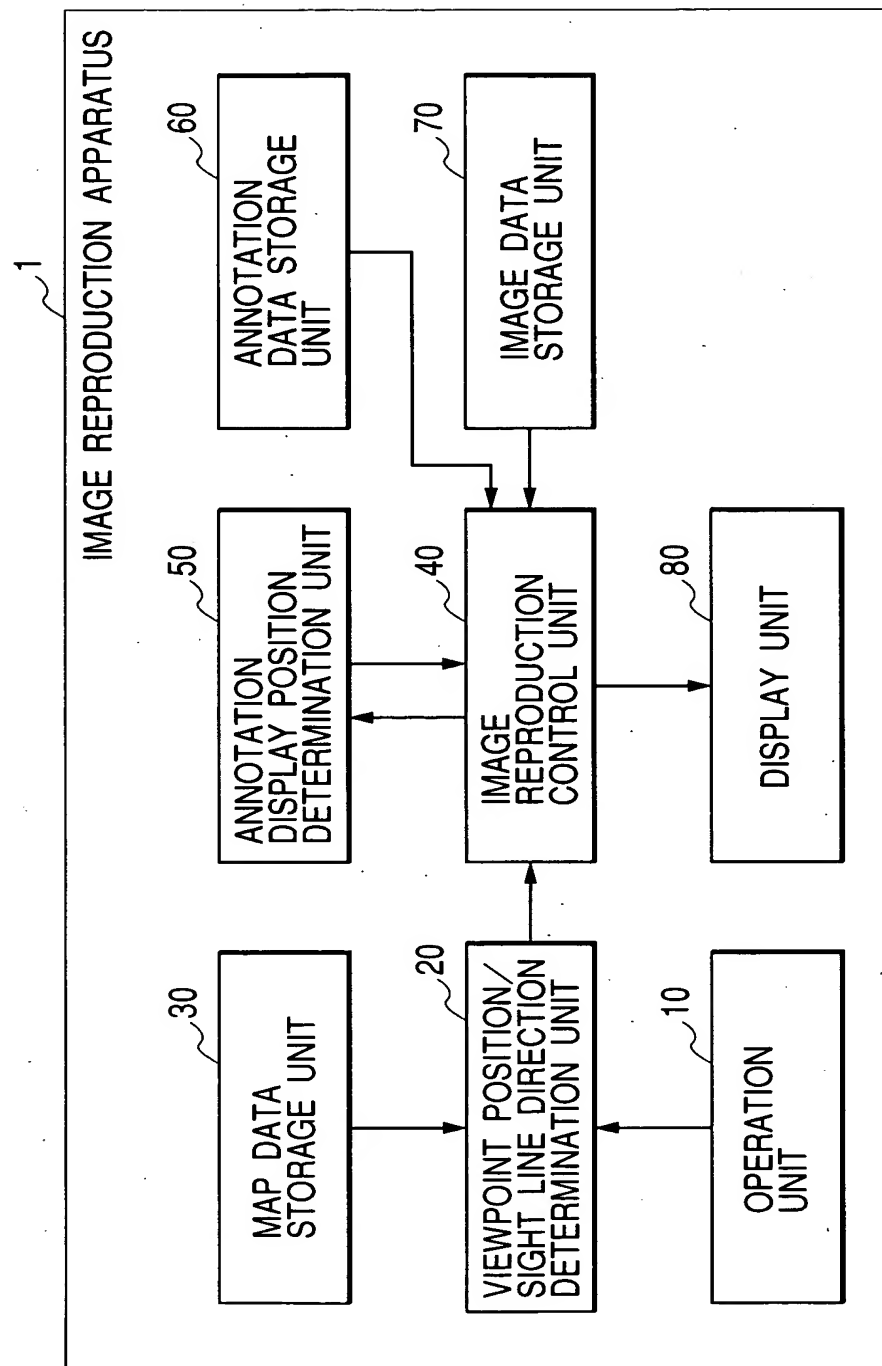


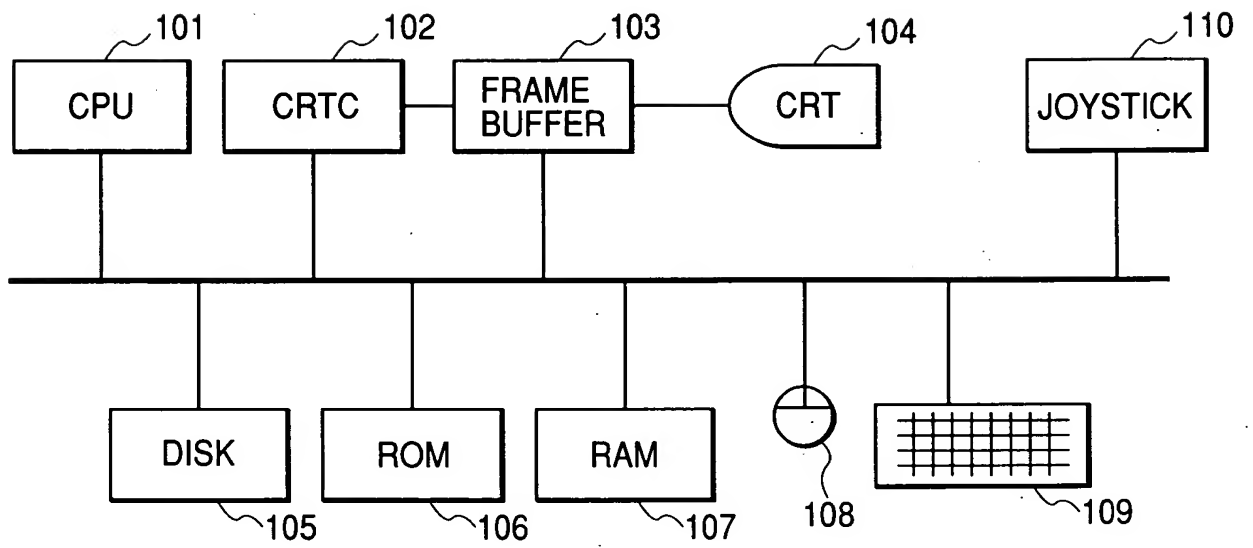
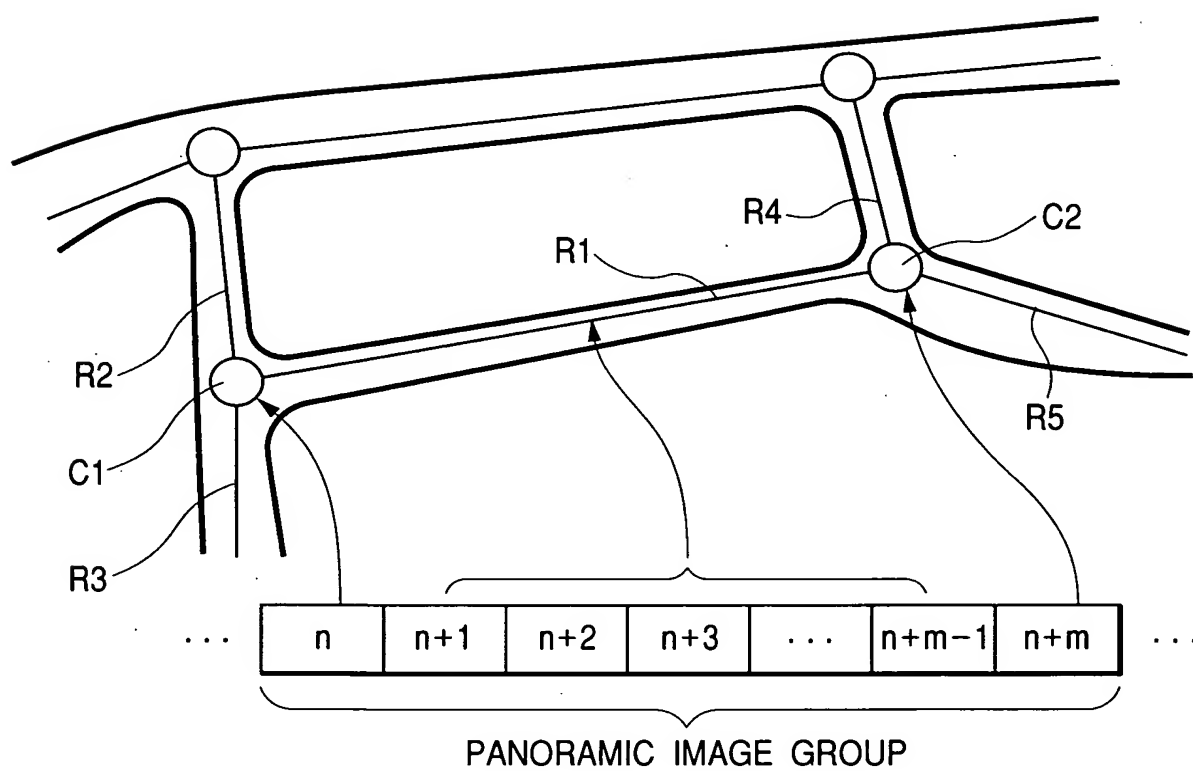
FIG. 2

FIG. 3

ATTRIBUTES OF SECTION POINTS

ID	FRAME NUMBERS	CONNECTED ROUTES	TWO-DIMENSIONAL COORDINATES ON MAP
C1	n	R1, R2, R3	(x1, y1)
C2	n+m	R1, R4, R5	(x2, y2)

ATTRIBUTE OF ROUTE

ID	SECTION POINTS OF BOTH ENDS	FRAME NUMBERS	TWO-DIMENSIONAL COORDINATES ON MAP
R1	C1, C2	n+1	{x(n+1), y(n+1)}
		n+2	{x(n+2), y(n+2)}
	
		n+m-1	{x(n+m-1), y(n+m-1)}

FIG. 4

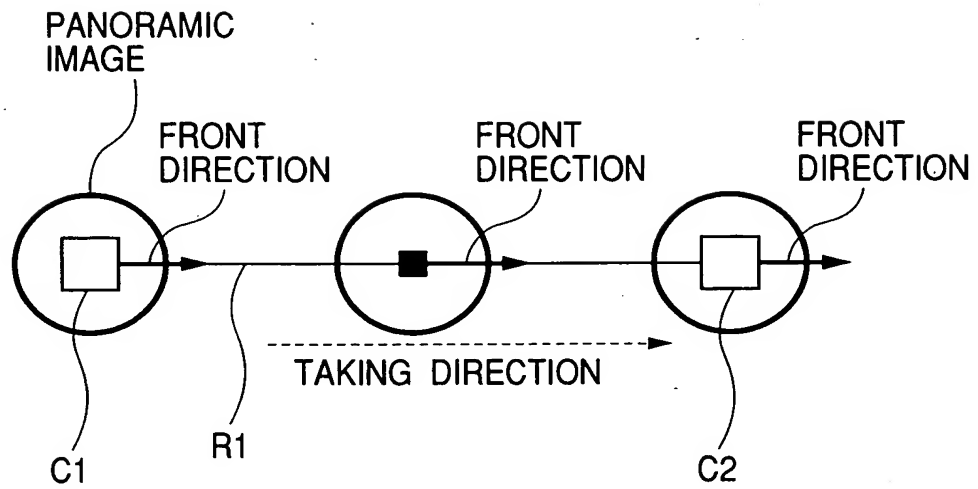
FIG. 5

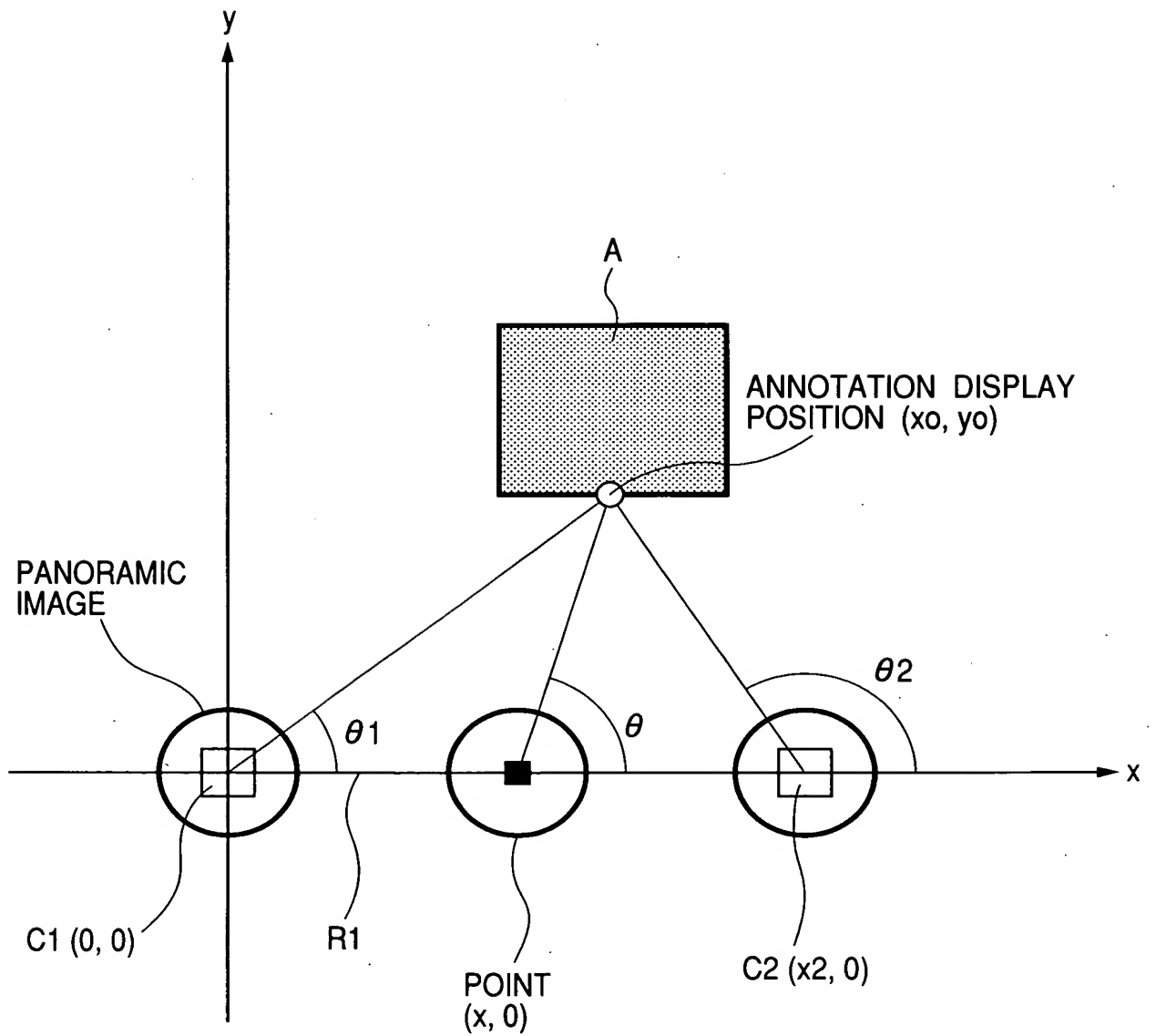
FIG. 6

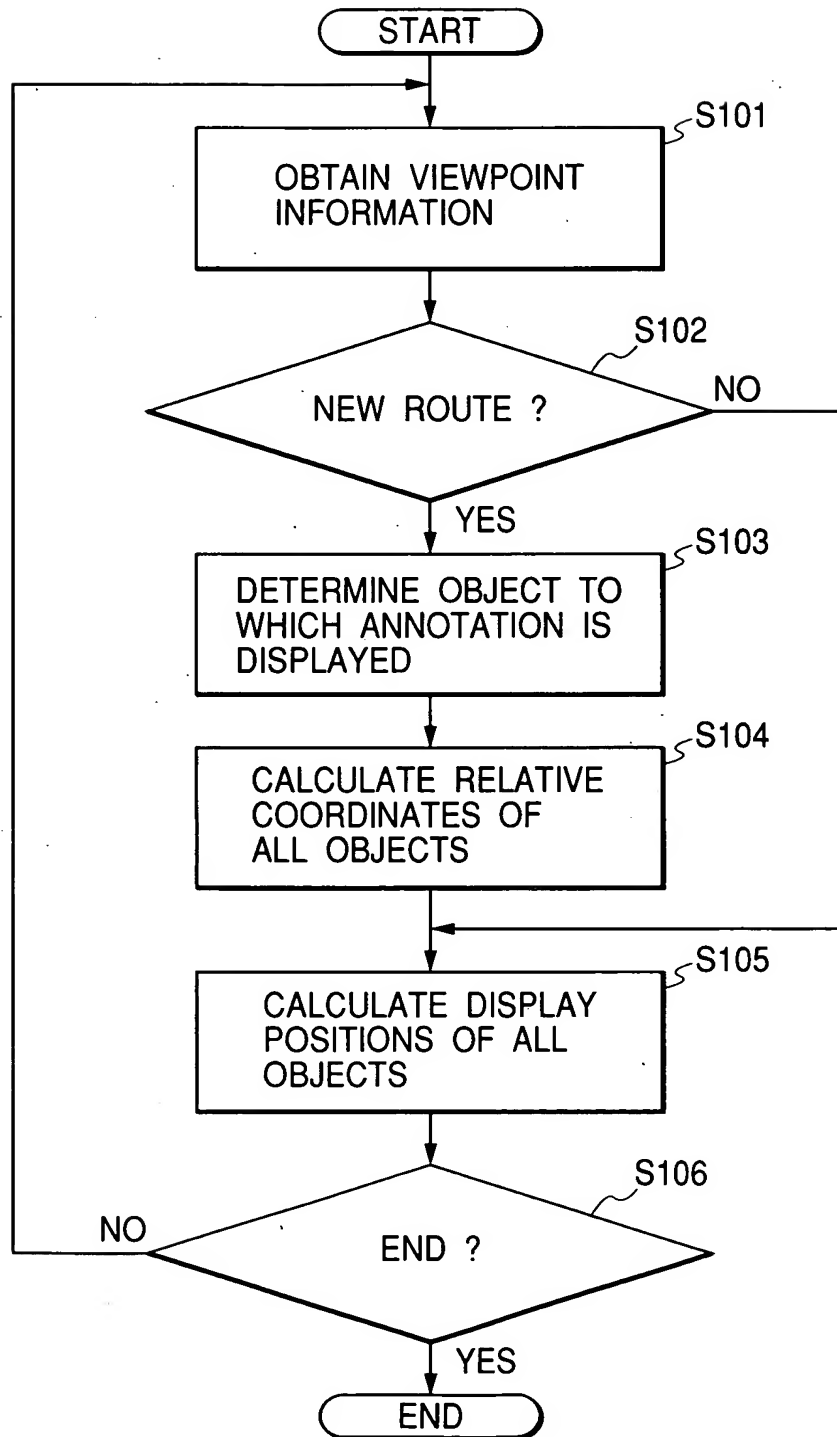
FIG. 7

FIG. 8

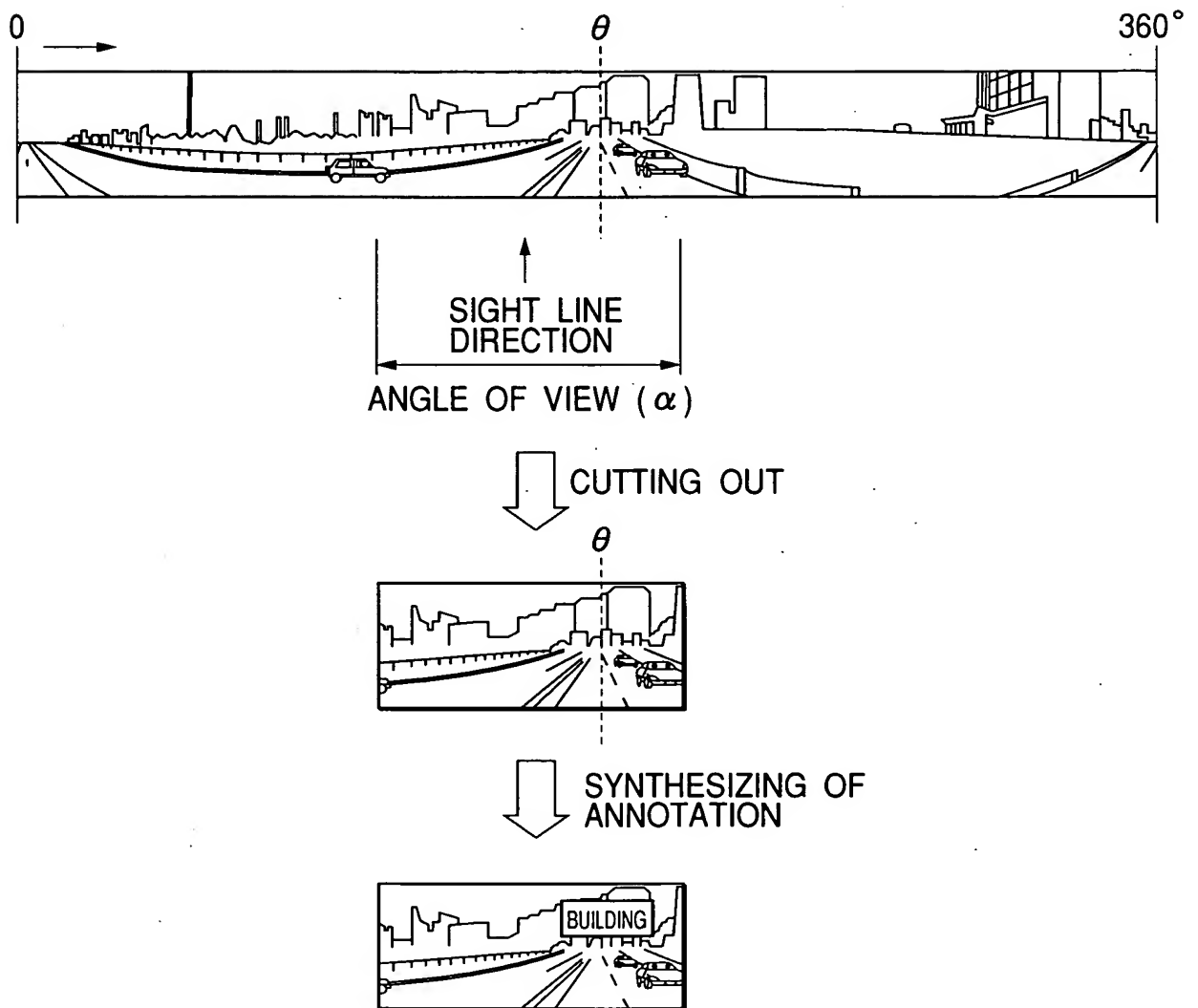


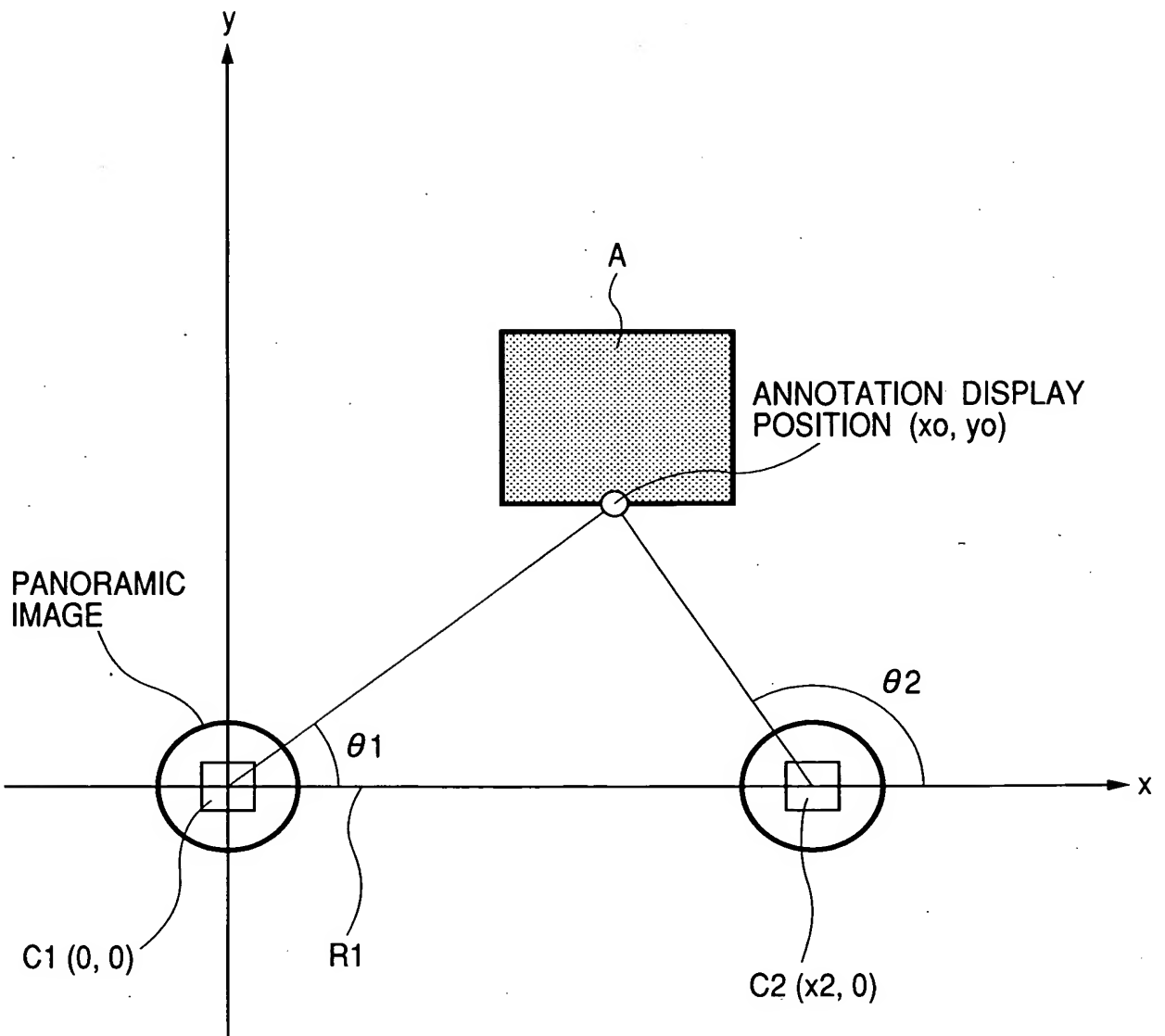
FIG. 9

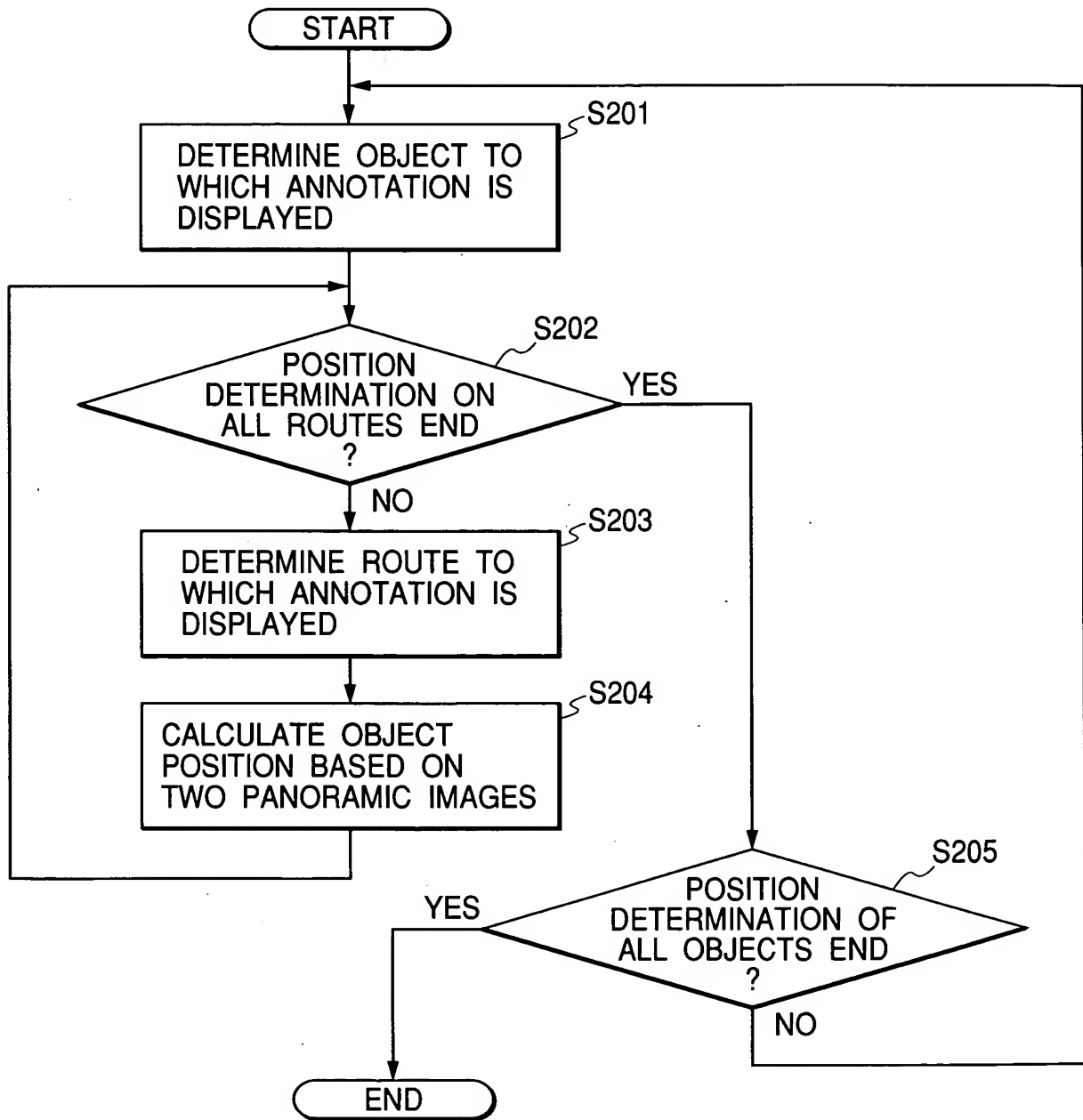
FIG. 10

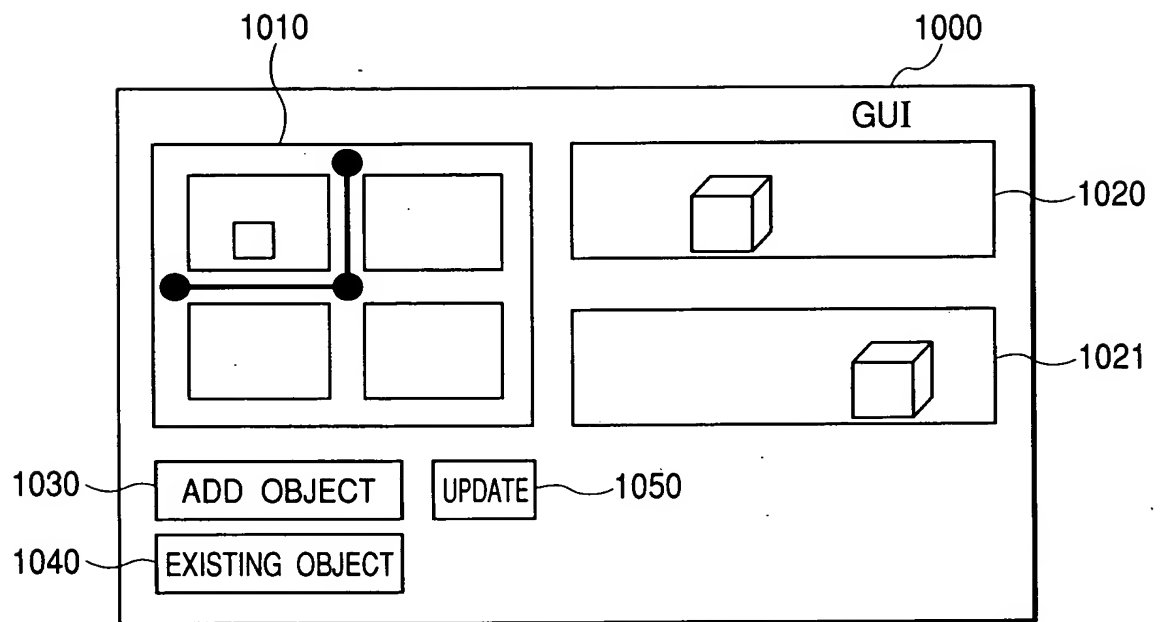
FIG. 11

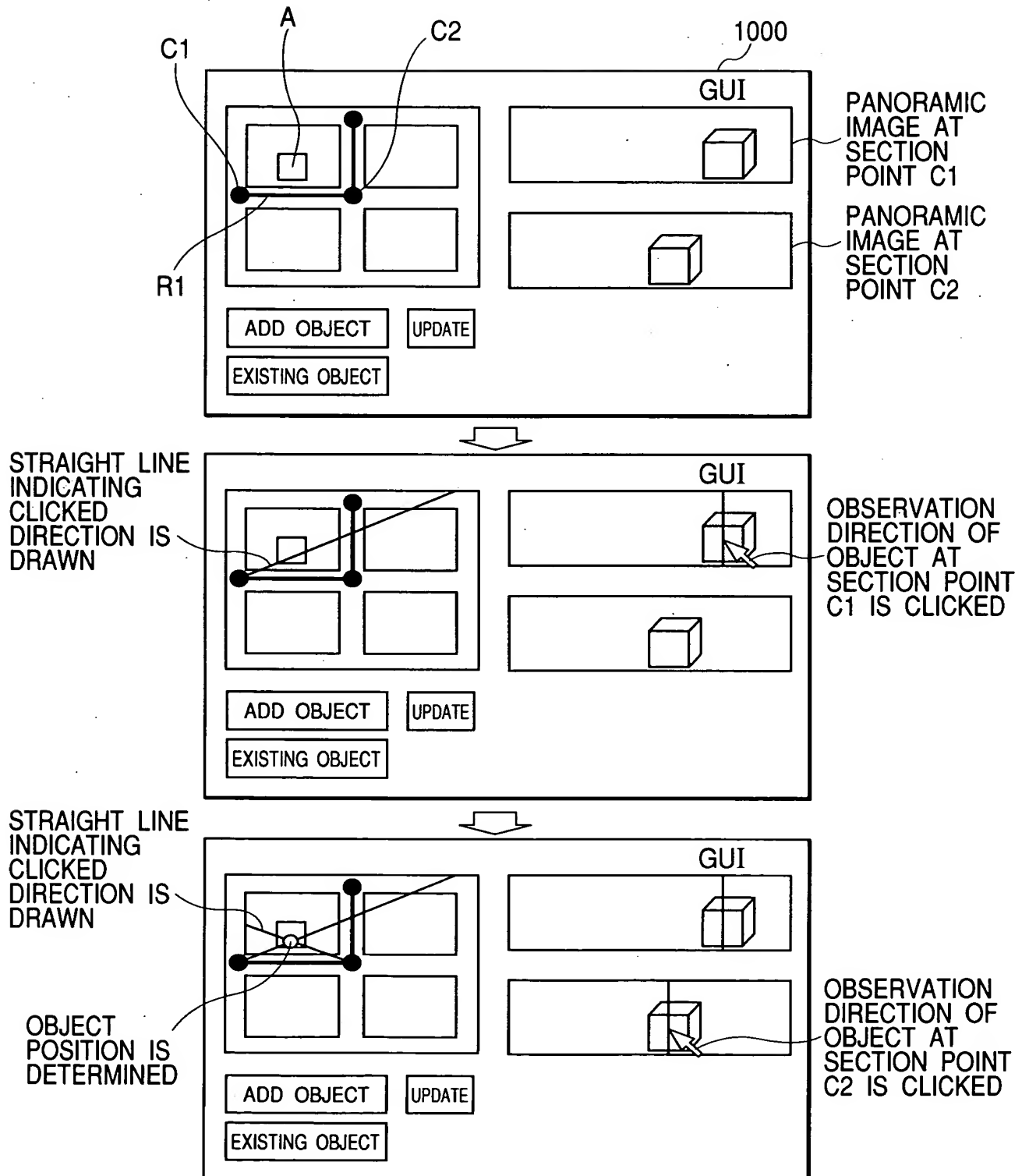
FIG. 12

FIG. 13

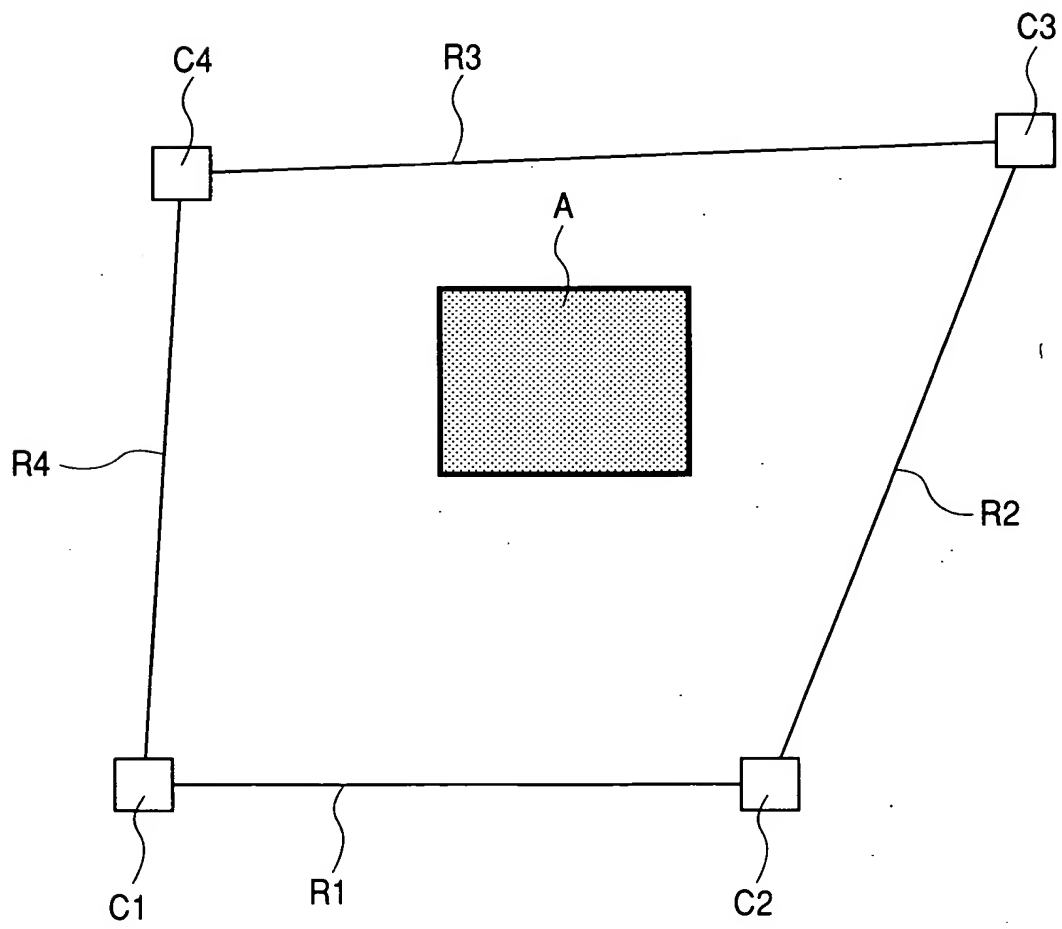


FIG. 14

OBJECT	ROUTES TO WHICH ANNOTATIONS ARE DISPLAYED	OBJECT POSITION	ANNOTATION IMAGES
BUILDING A	R1	(xo1, yo1)	BUILDING A1.jpg
	R2	(xo2, yo2)	BUILDING A2.jpg

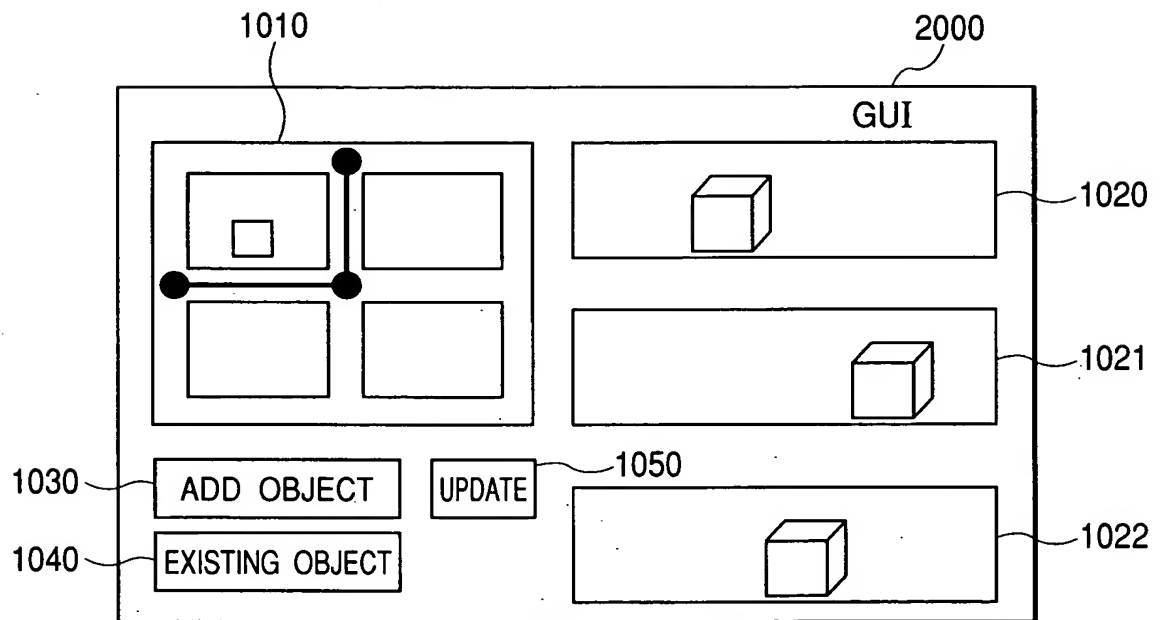
FIG. 15

FIG. 16

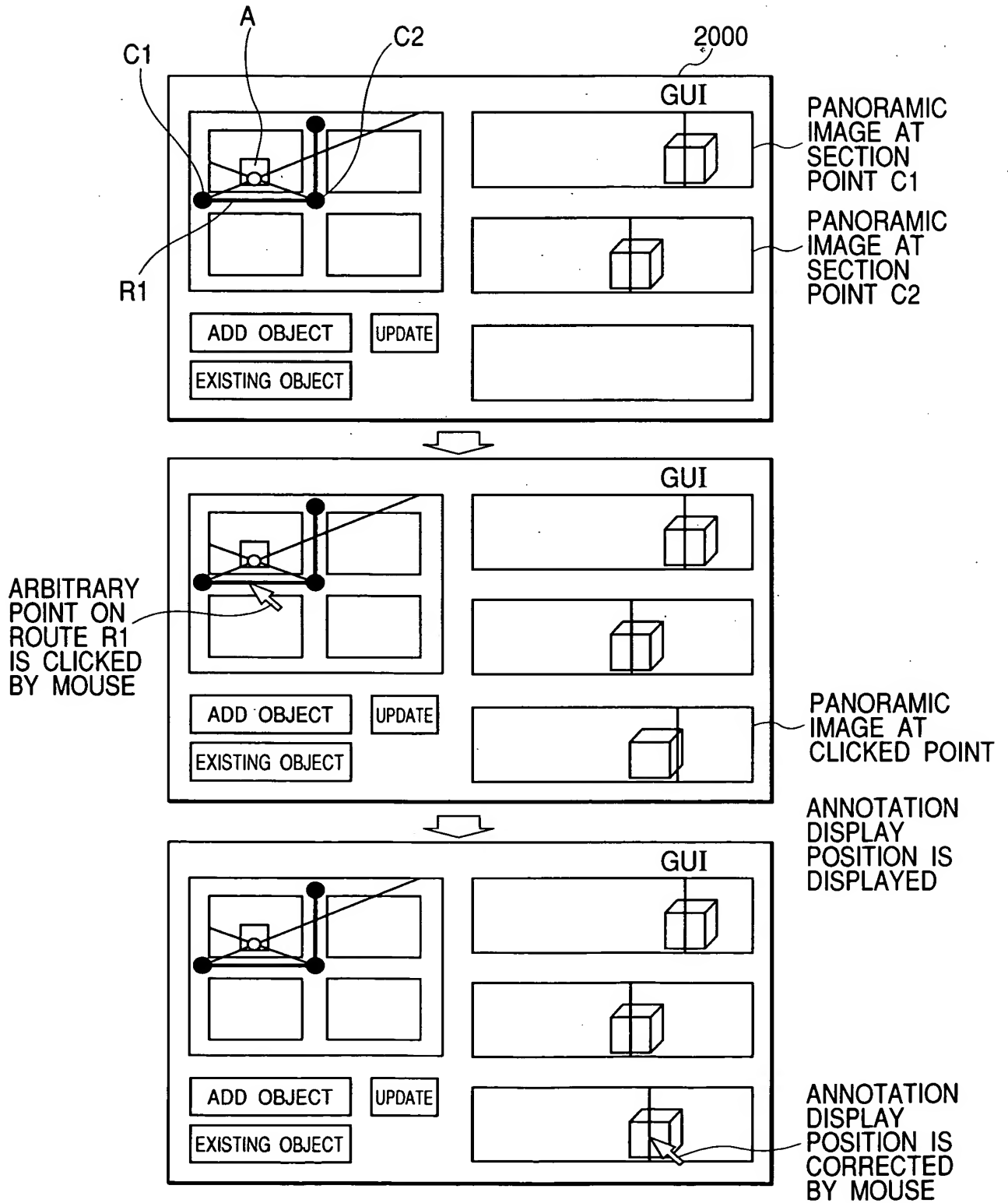


FIG. 17

OBJECT	ROUTES TO WHICH ANNOTATIONS ARE DISPLAYED	EXCEPTION FRAME NUMBERS	ANNOTATION DISPLAY POSITIONS	OBJECT POSITION	ANNOTATION IMAGES
BUILDING A	R1	n	$\theta\ n$	(xo1, yo1)	BUILDING A1.jpg
		m	$\theta\ m$		
	R2			(xo2, yo2)	BUILDING A2.jpg

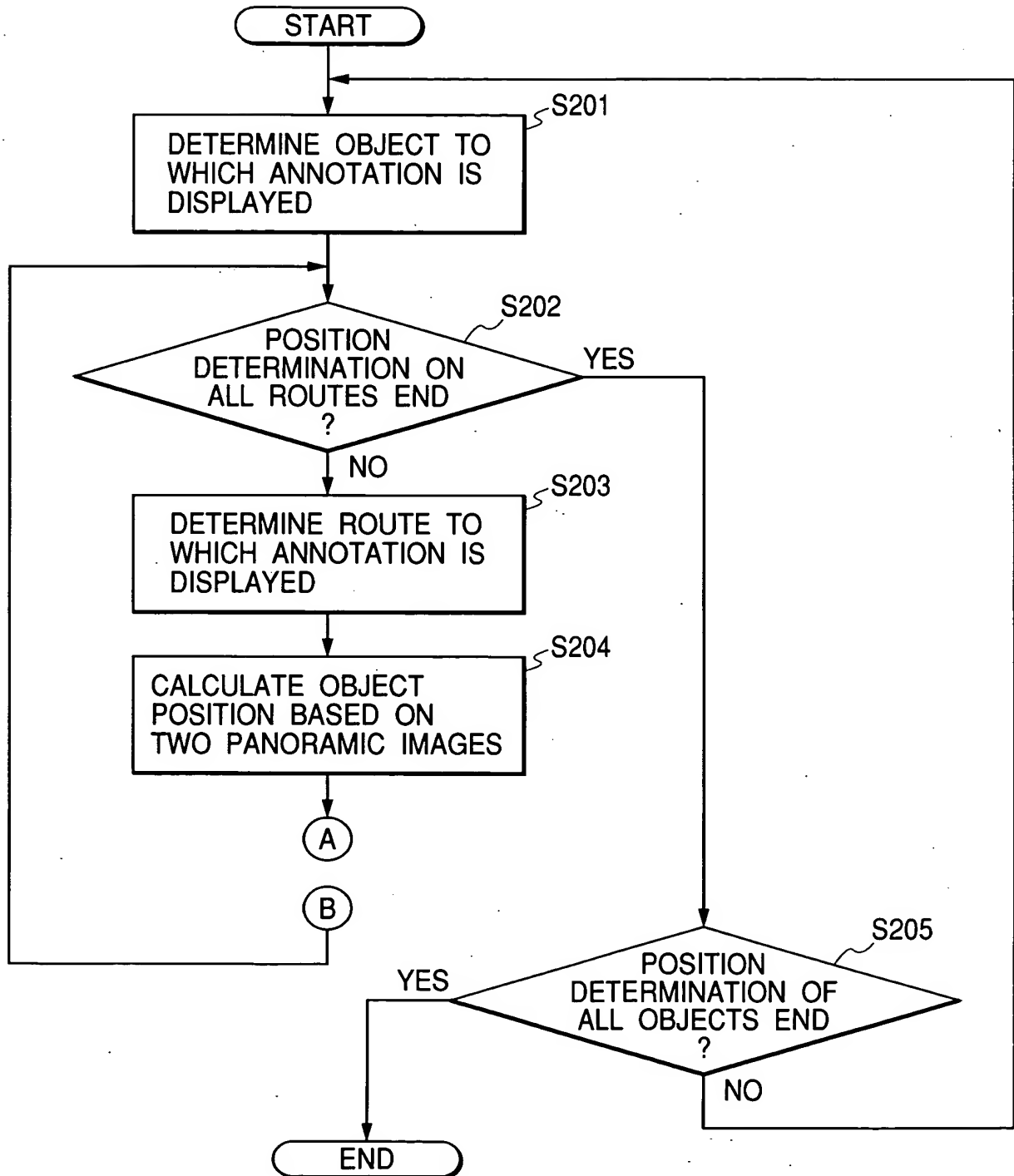
FIG. 18

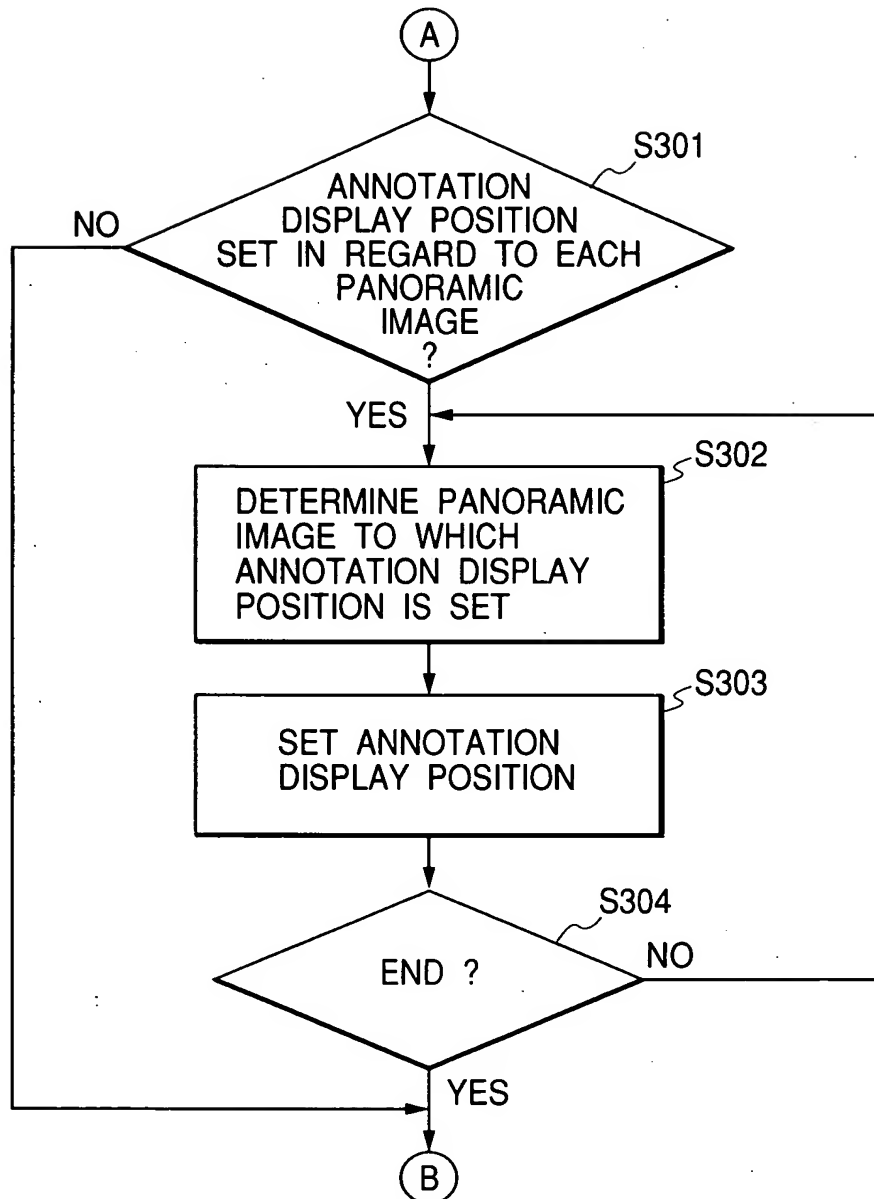
FIG. 19

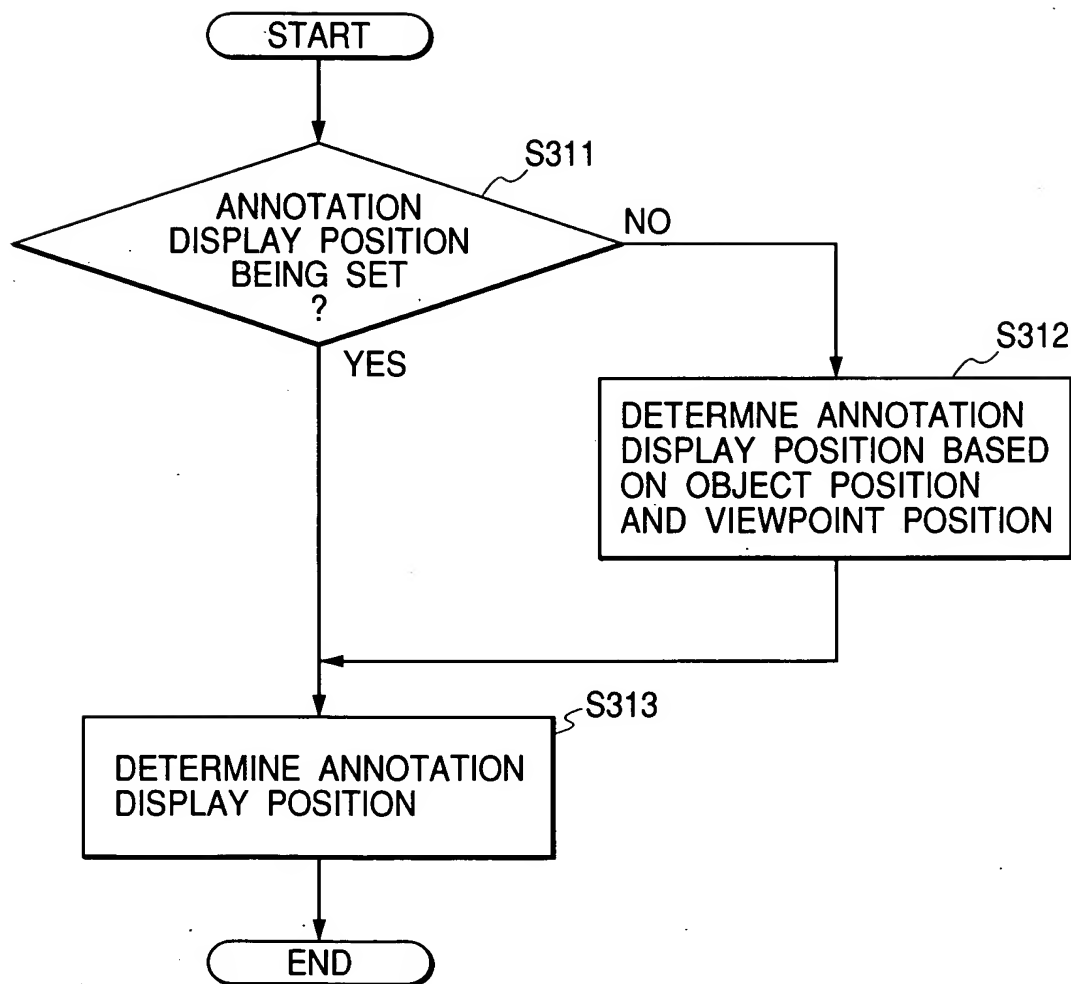
FIG. 20

FIG. 21

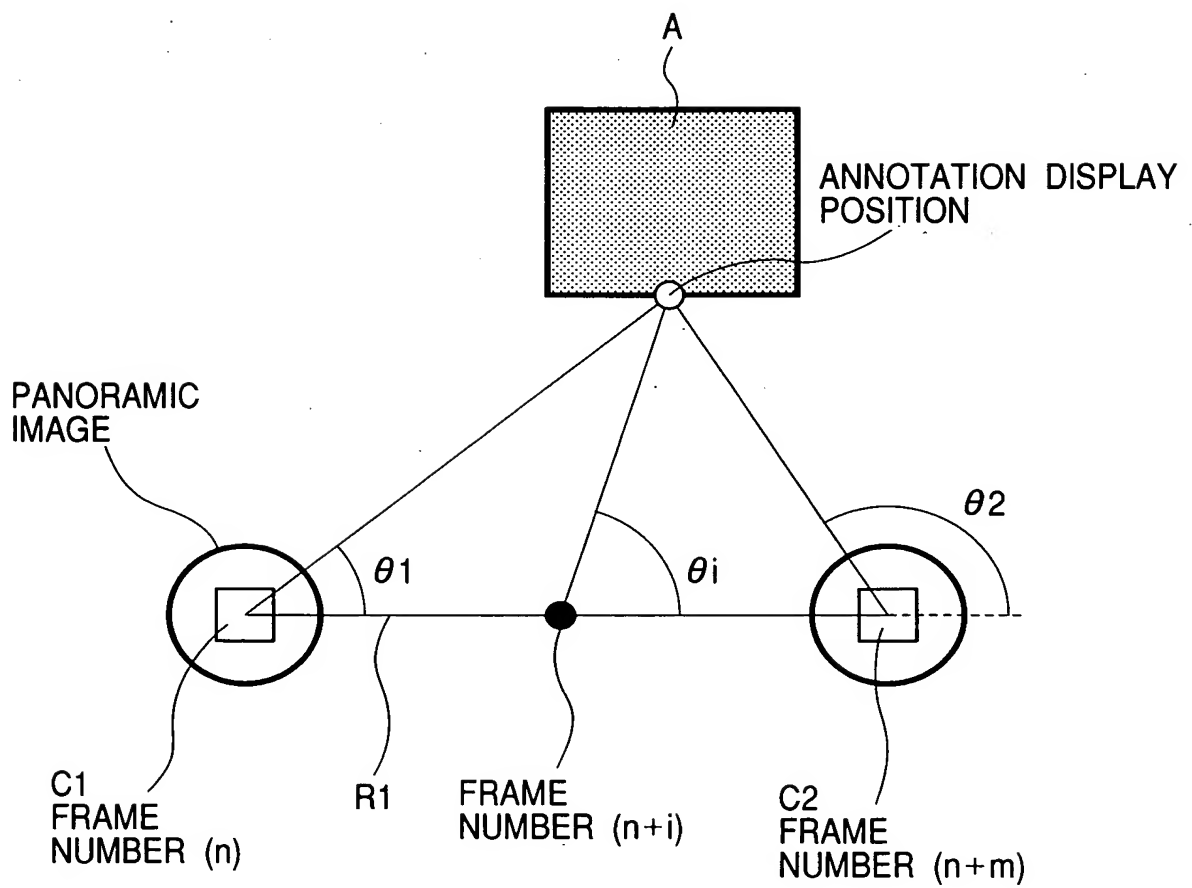


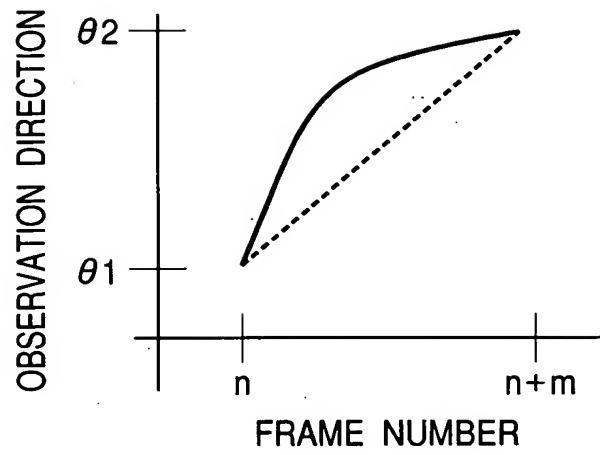
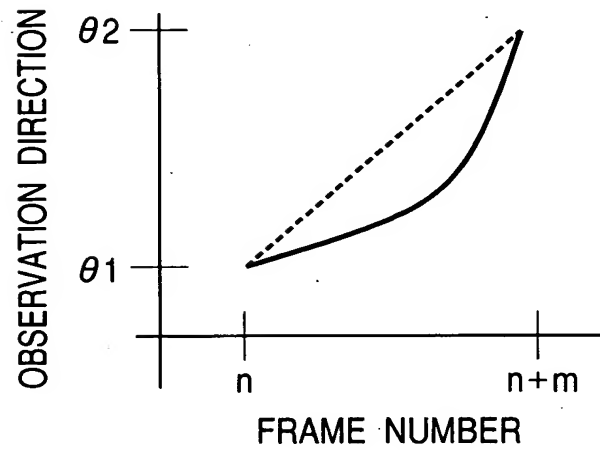
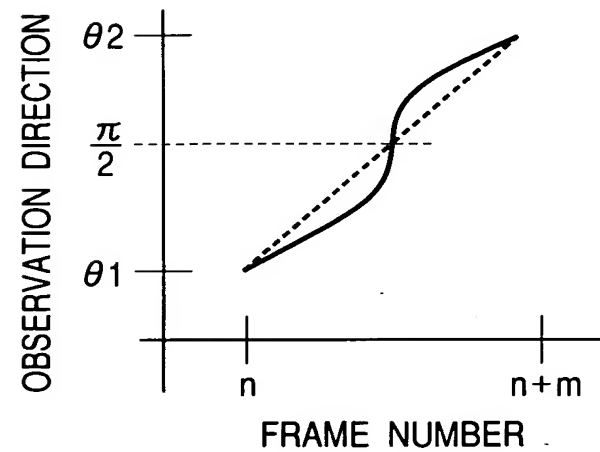
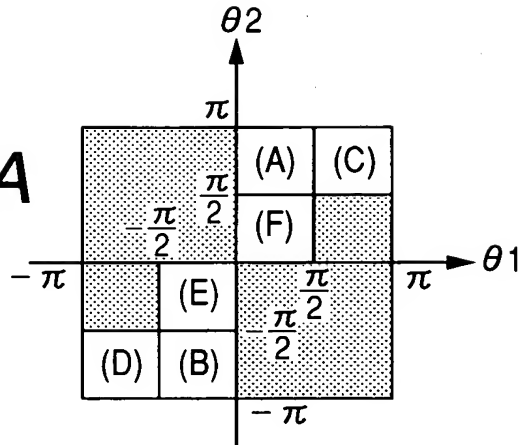
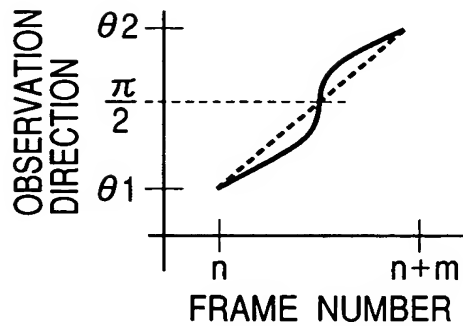
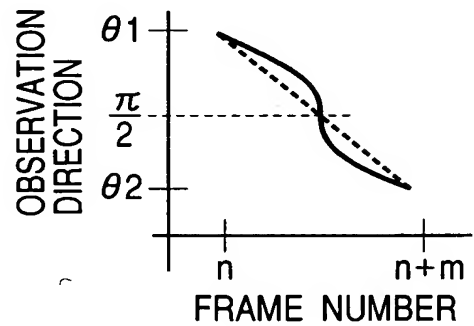
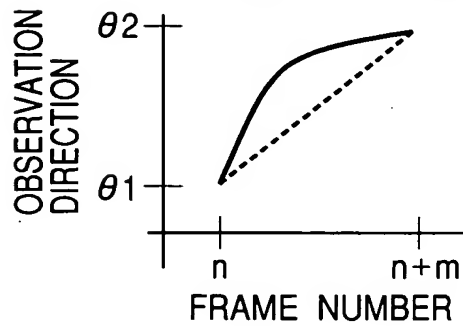
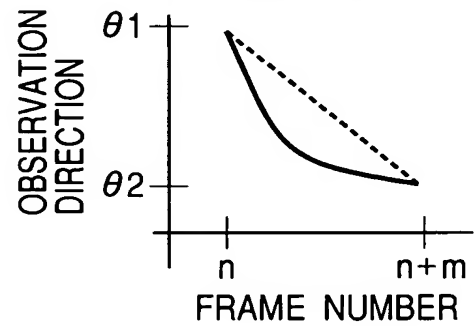
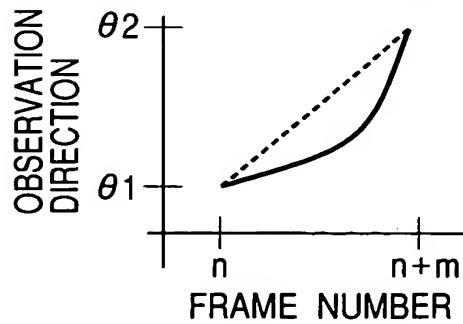
FIG. 22A*FIG. 22B**FIG. 22C*

FIG. 23A**FIG. 23B****FIG. 23C****FIG. 23D****FIG. 23E****FIG. 23F****FIG. 23G**